

ABSTRACT OF THE DISCLOSURE

The invention provides such a knock control apparatus or method for an internal combustion engine as is capable of suitably avoiding an erroneous
5 determination on the occurrence of knocking and controlling knocking. This control apparatus comprises a knock determiner, a controller, and a setter. If an intensity of engine oscillation detected during a predetermined knock determination period is equal to or higher than a predetermined knock determination level, the knock
10 determiner determines that knocking has occurred. The controller controls an ignition timing on the basis of a result of the determination. The setter sets an end timing of the knock determination period at an advanced timing on the basis of the ignition timing retardation amount in the retardation control. This apparatus makes it possible to end a knock determination before an increase in the magnitude of engine
15 oscillation resulting from swinging movements, and to prevent an erroneous determination on knocking from being made due to the engine oscillation.